

U.S. Patent

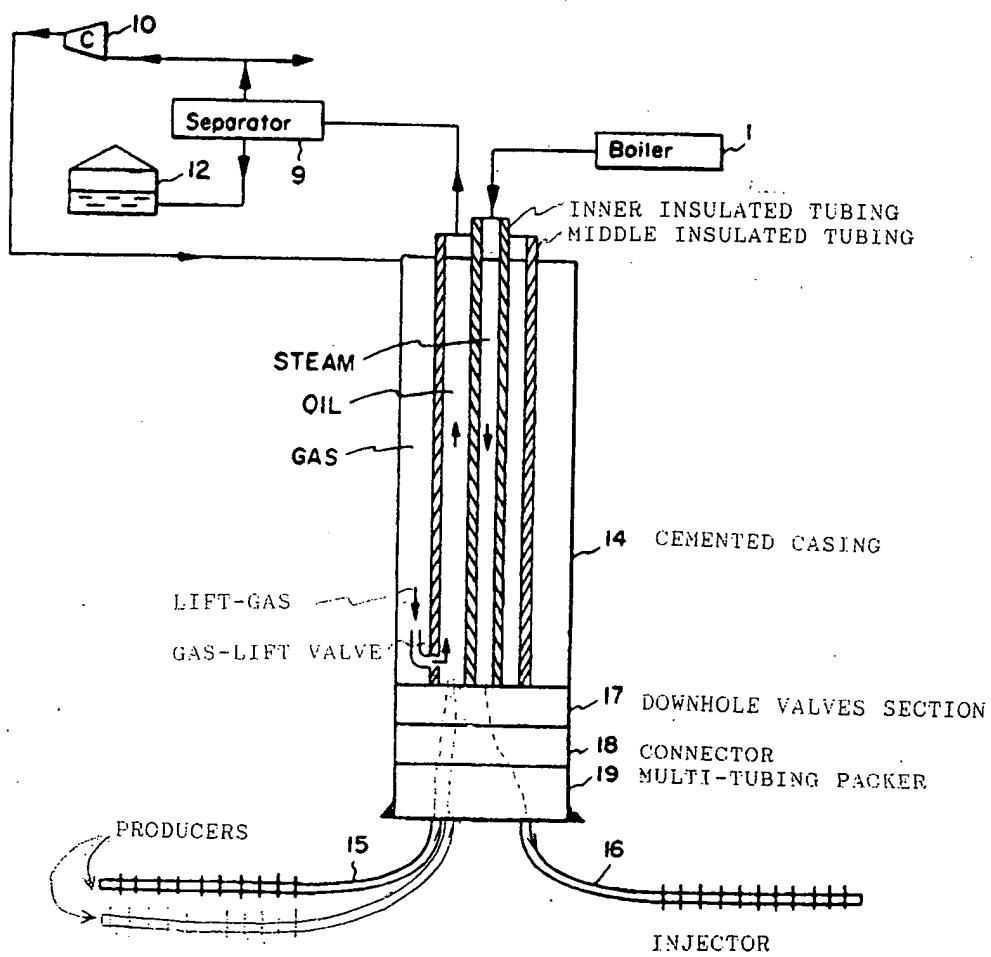
Feb. 4, 1992

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PRIOR ART

FIGURE A
REFERENCE 1 FIG. 5



SCHEMATIC MULTI-LATERAL ARCTIC WELL CONFIGURATION

U.S. Patent

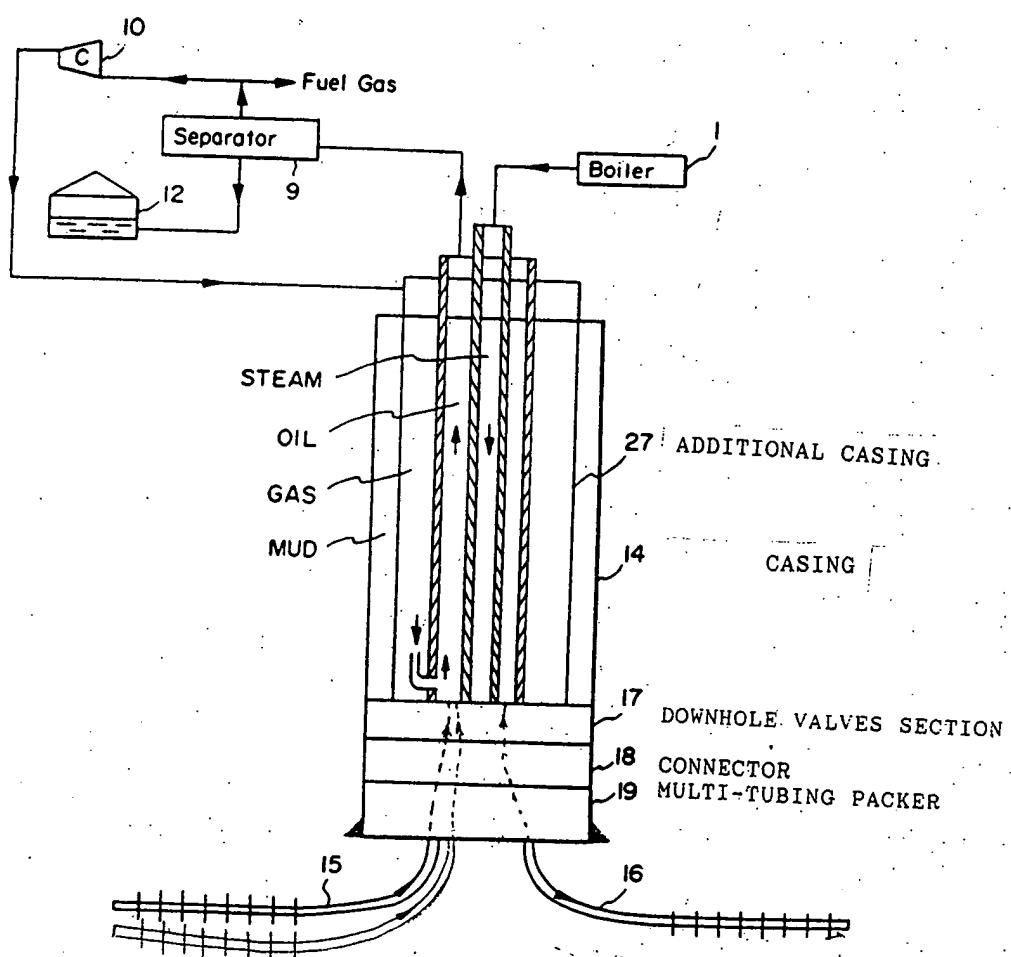
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PRIOR ART

REFERENCE 1 FIG. 6

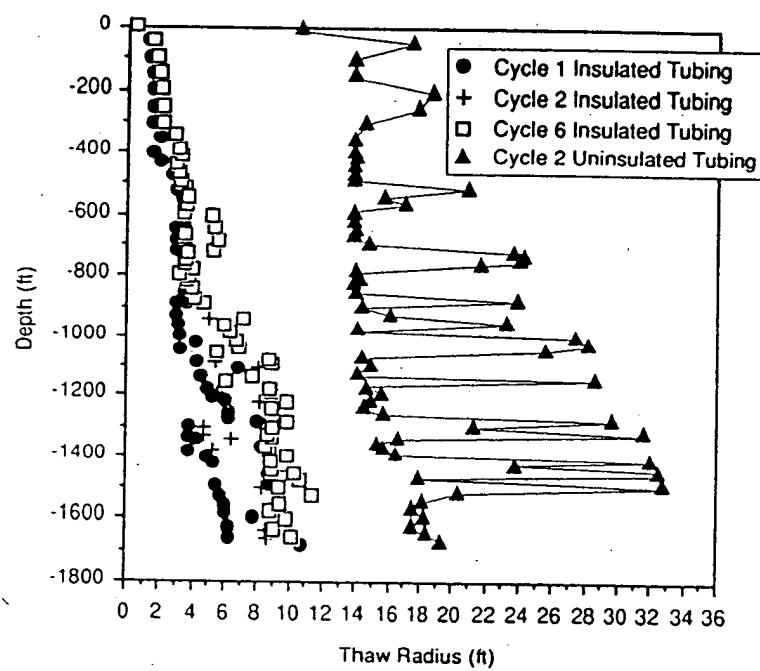


MODIFIED MULTI-LATERAL ARCTIC WELL FOR SPECIAL SITUATIONS.

FIG. B

PRIOR ART

FIGURE C



REFERENCE 5 Figure 15: Thaw Radii at End of Cycles 1, 2 and 6

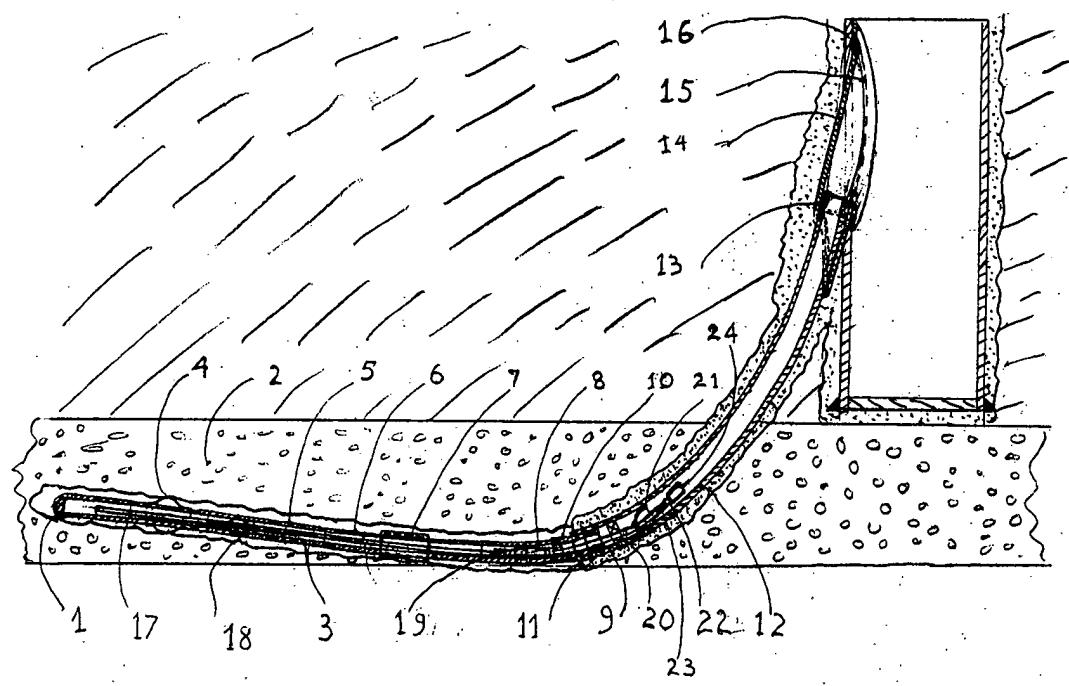


FIG. 1

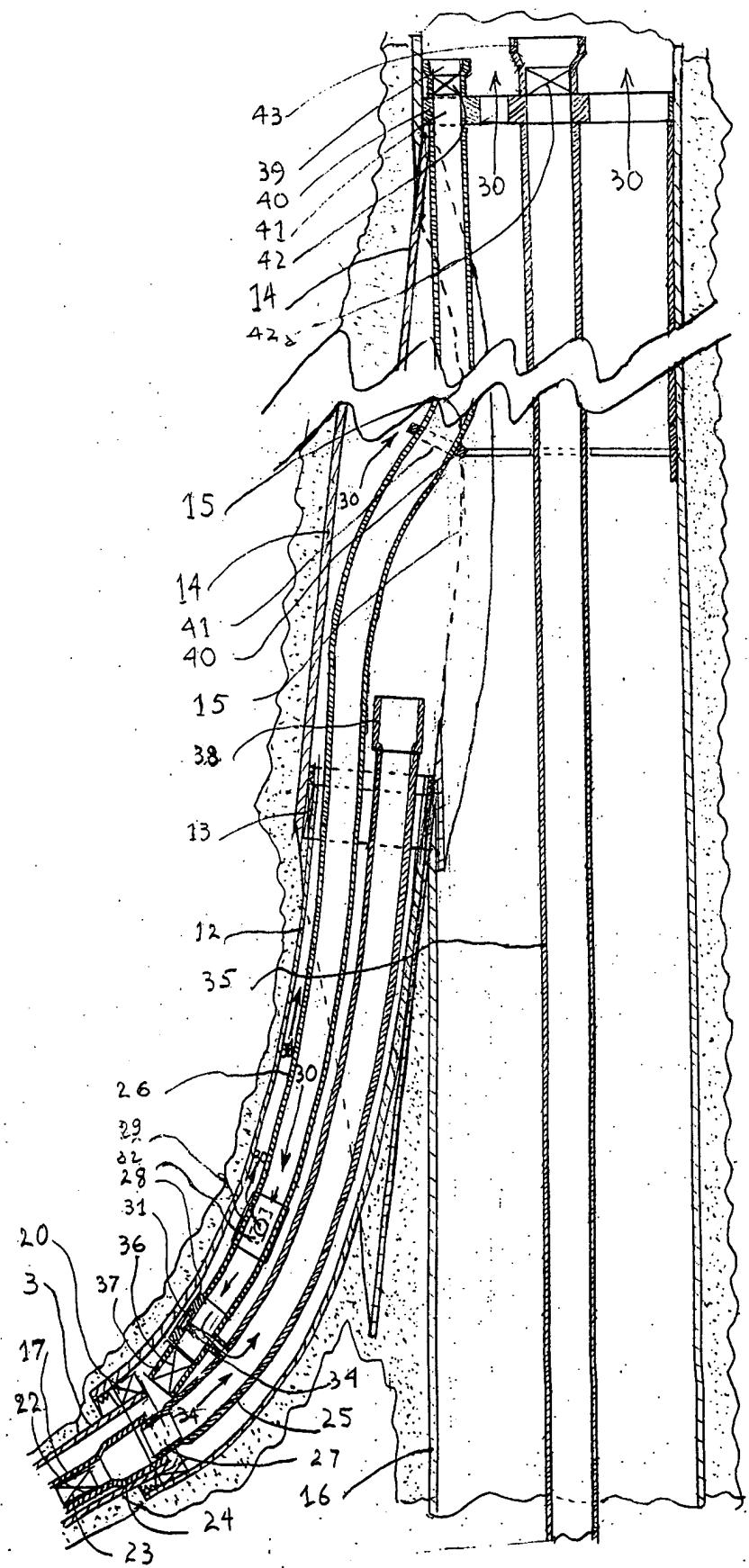


FIG. 2

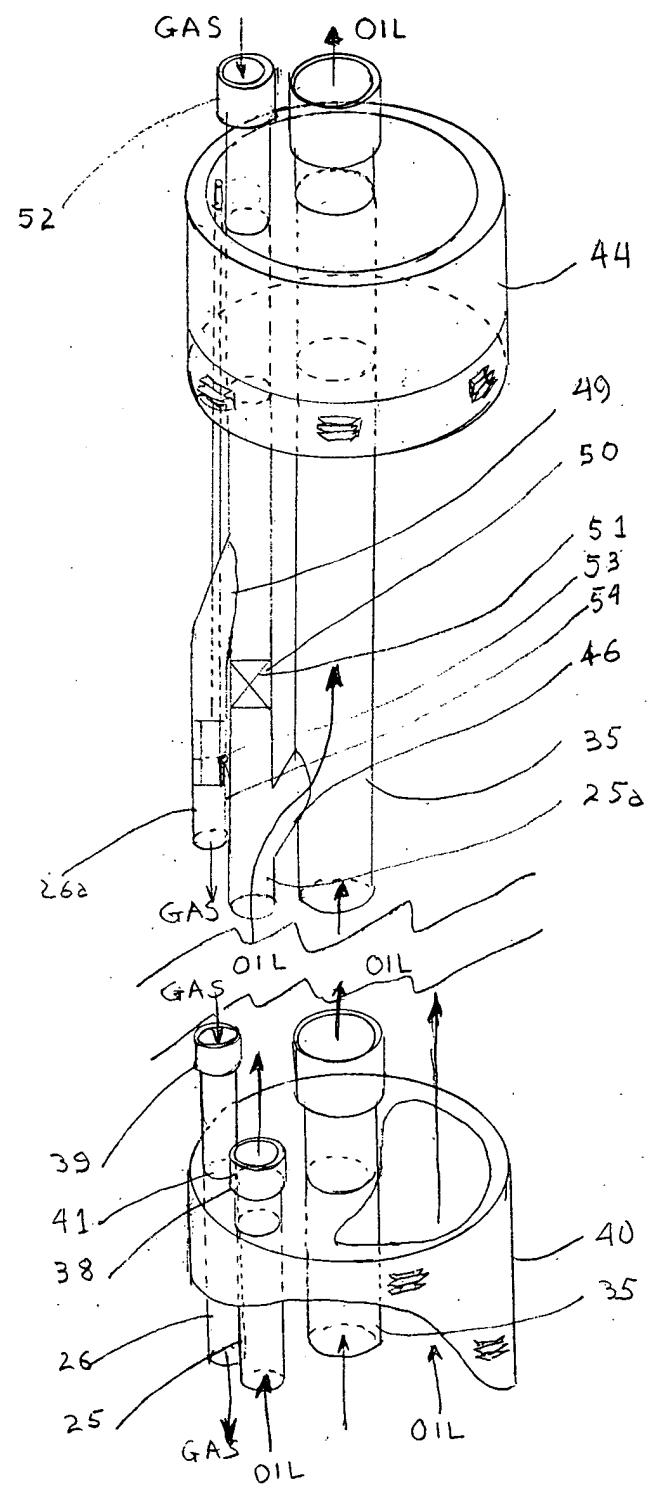


FIG. 2A

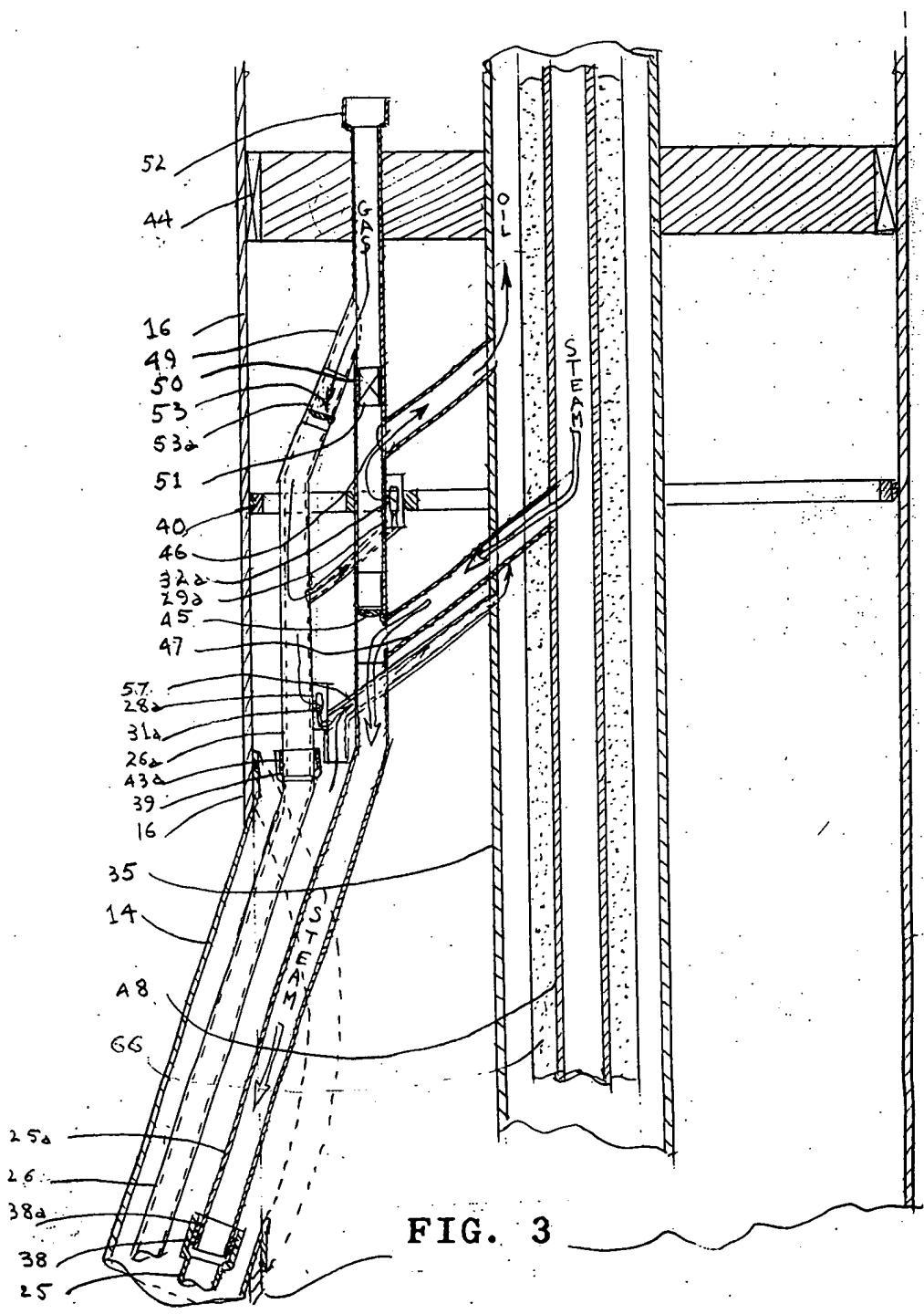
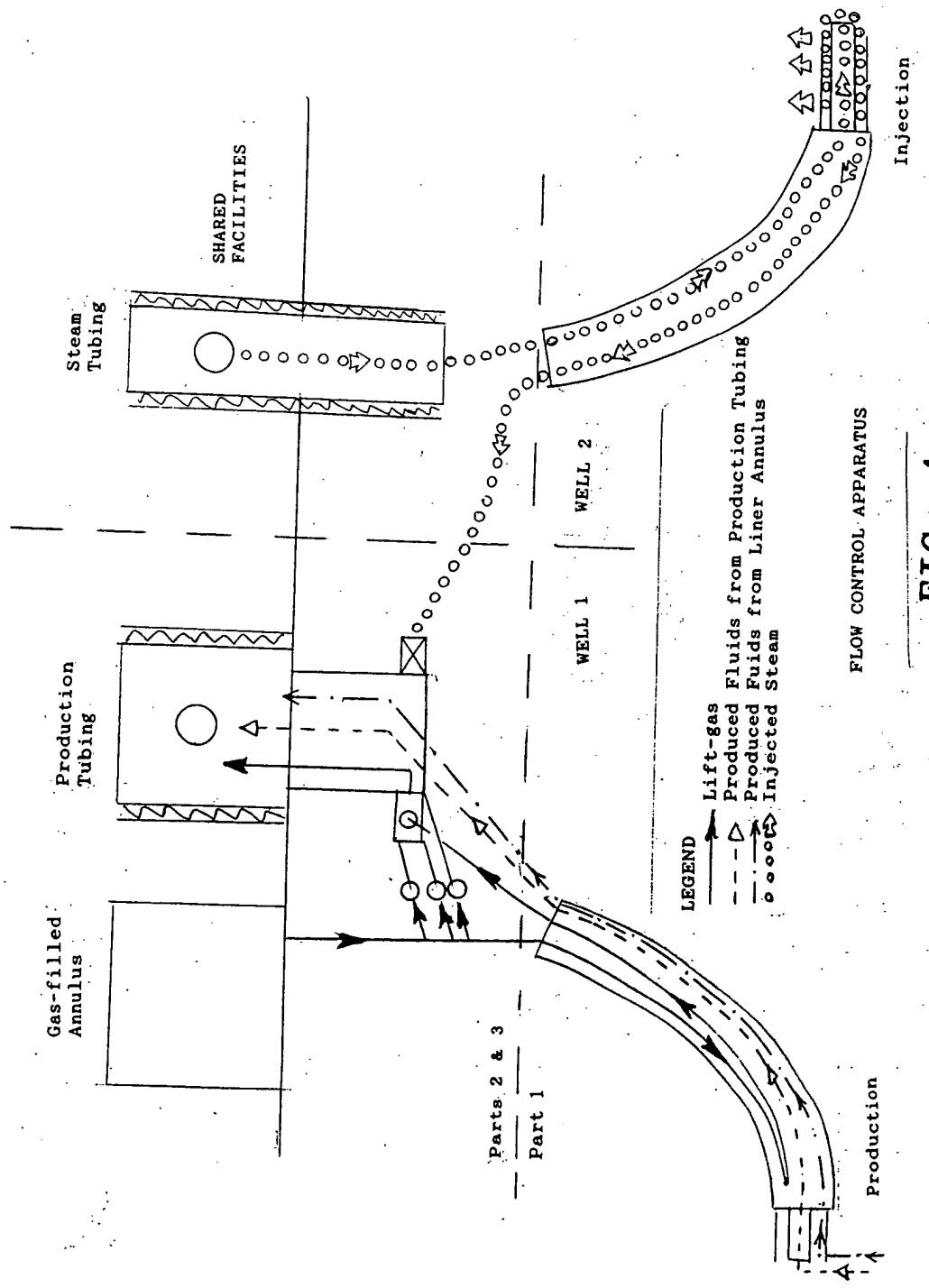


FIG. 3



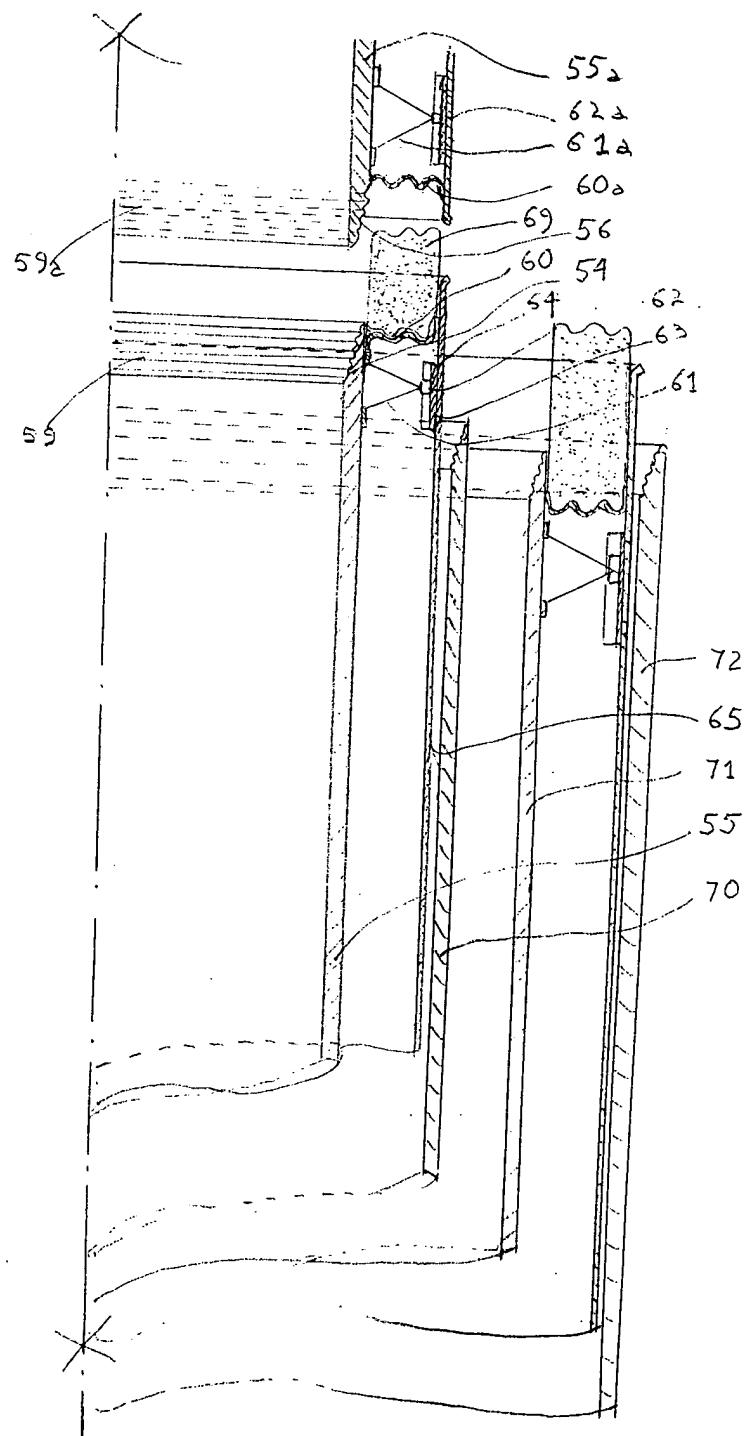


FIG. 5

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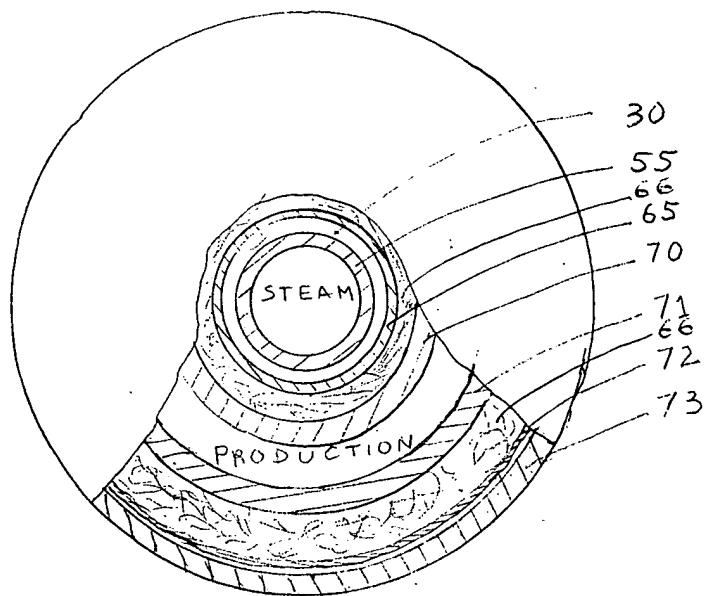


FIG. 6

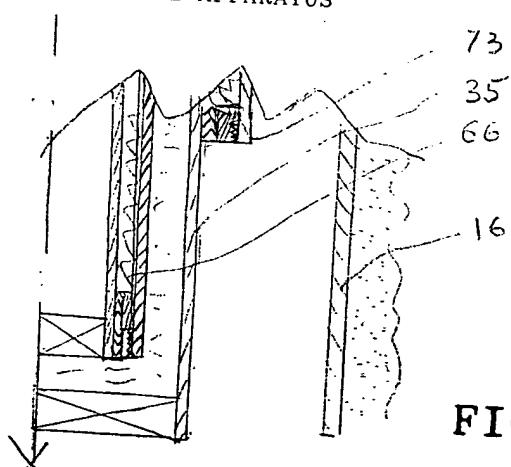
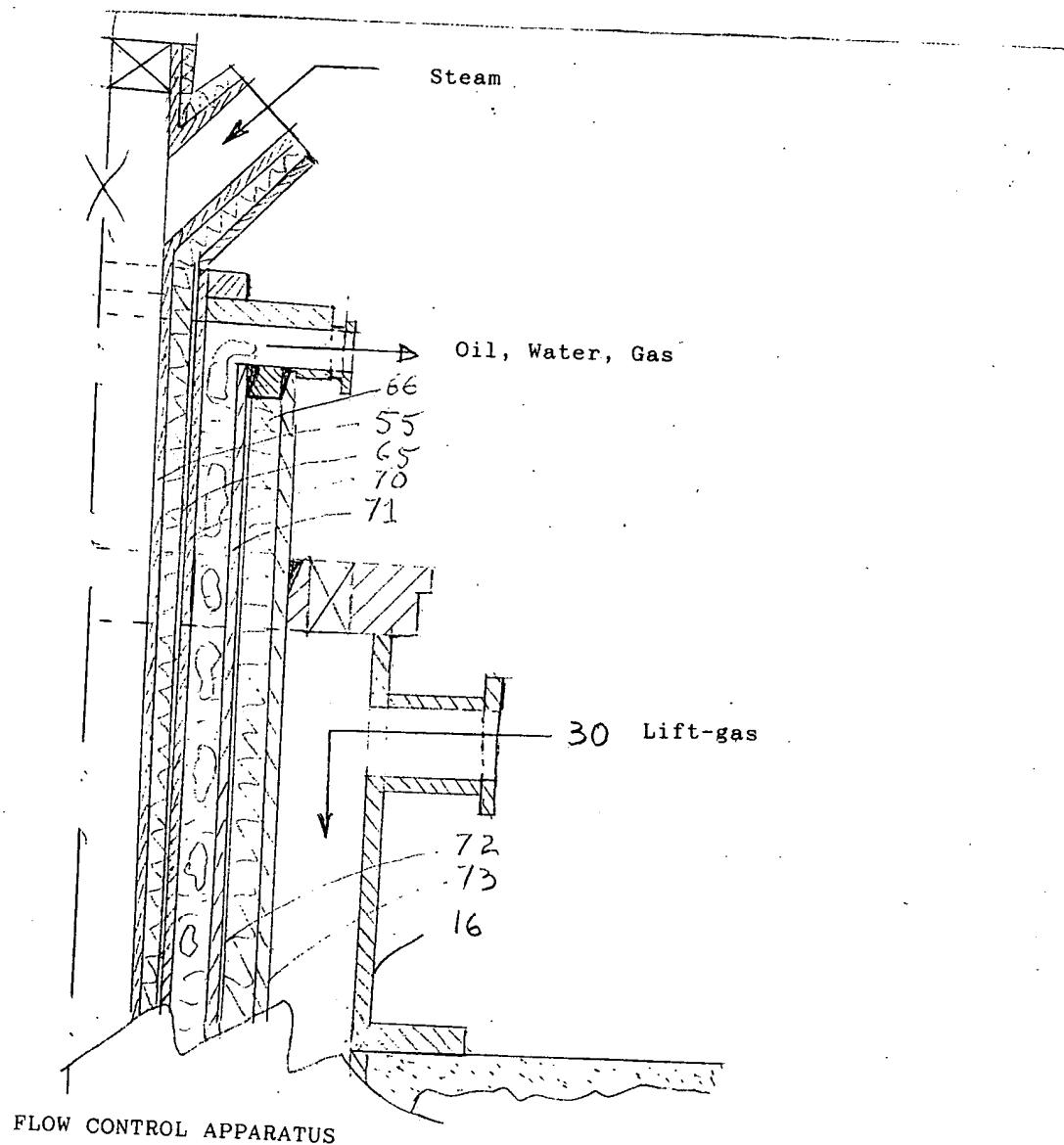


FIG. 6A

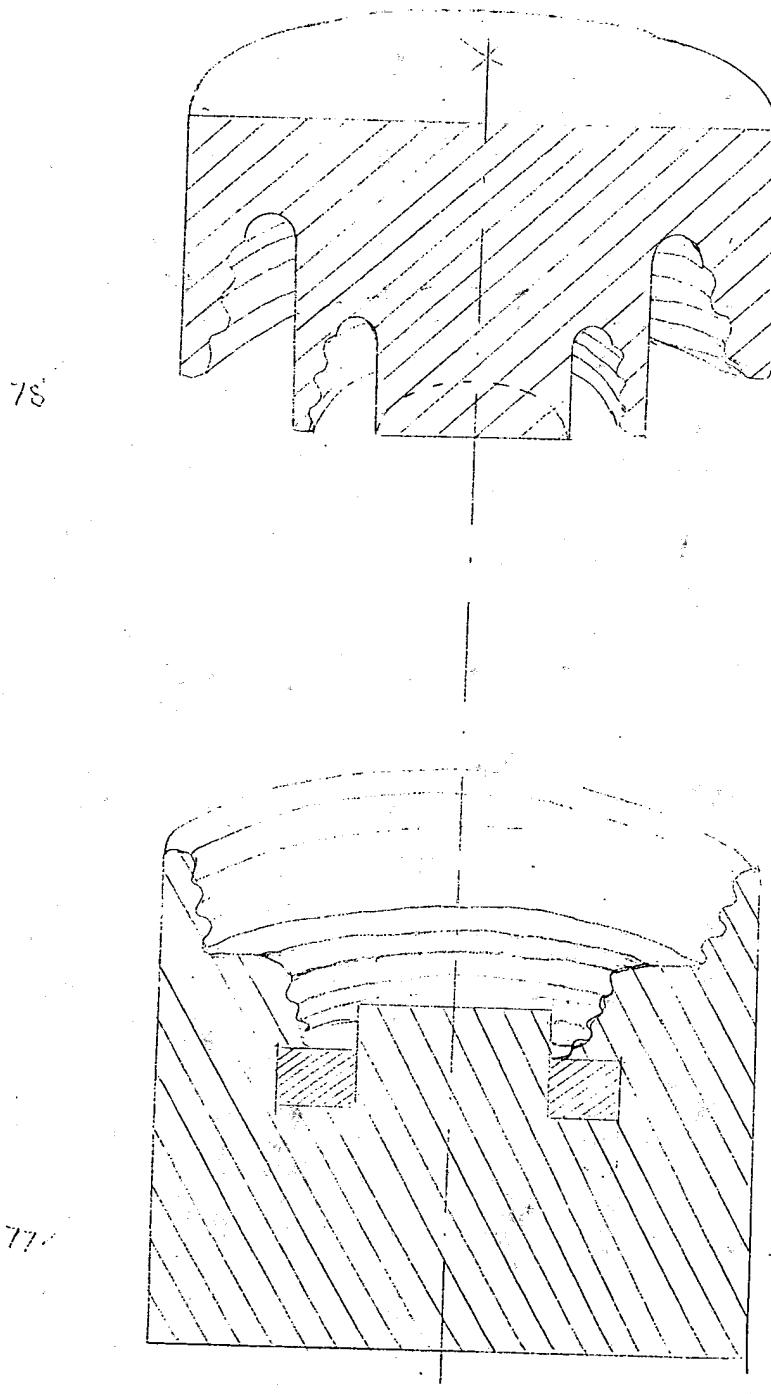


FIG. 7